

NEW RECORDS OF OHIO CADDISFLIES (TRICHOPTERA)^{1,2}

A.D. Huryn, B.A. Foote³

ABSTRACT: Twenty-five species of caddisflies are newly recorded for Ohio, bringing the total number of species reported for the state to 192.

Until recently, there have been few studies devoted exclusively to the faunal composition and distribution of Ohio caddisflies. Prior to 1977, Marshall's work (1939) on the occurrence of caddisflies in western Lake Erie was the only published study of this nature. However, numerous records for Ohio Trichoptera were contained in Ross (1944). Since 1977, seven studies concentrating on the caddisfly fauna of various localities in eastern Ohio have resulted in five publications (McElravy *et al.*, 1977; McElravy and Foote, 1978; Masteller and Flint, 1979; MacLean and MacLean, 1980; Petersen and Foote, 1980). In this paper, we are recording an additional 25 species, bringing the total state list to 192 species.

Adults were collected by hand picking, sweeping with an insect net, use of U.V. and fluorescent tube light traps, and emergence traps. Immature stages were obtained by hand picking or with an aquatic dip net.

The records presented below were obtained through the collecting efforts of the following individuals: T.L. Arsuffi, R. Beals, B.A. Foote, M.B. Griffith, T. Hausenstaub, R. Hunt, A.D. Huryn, W. Ladanyi, E.P. McElravy, J. O'Malley, C. Petersen, M.A. Tkac, R. Walker, and G. Wireman. For each species included in the list, the county, initials of the collector, collecting sites, date, and, when possible, the number of specimens obtained are given. Unless otherwise indicated (P=pupa, L=larva), all records are based on adult specimens. Taxa above the species are arranged as given in Wiggins (1977, p. 9-14). Species within each genus are listed alphabetically.

Polycentropodidae

Polycentropus carolinensis Banks: Portage, (RH, Porter Rd. spring in West Branch State Park, VI-2-79, IX-12-79). Previously reported only from the Black Mountains of North Carolina and southern Quebec (Roy and Harper, 1979), our records represent only the third locality record for this widespread but rare species.

Polycentropus elarus Ross: Monroe (ADH, tributary of Dog Skin Run, IX-3-80, 1♂, 1♀).

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³Department of Biological Sciences, Kent State University, Kent, OH 44242.

Hydropsychidae

- Parapsyche apicalis* (Banks): Geauga (JO, V-13-78, L), Portage (RW, Mantua Springs, X-11-78, IL); Summit (BAF, Furnace Run at rt. 303, V-10-78, 2L)
Dipletrona metaqui Ross: Knox (MBG, spring, 2 mi. se of Millwood along state rt. 715, V-25-80, 1L).
Cheumatopsyche wabasha Denning: Ashland (MBG, Clear Fork of Mohican R, V-24-80, 1♂). Previously recorded from Oregon and Minnesota (Gordon, 1974), the Ohio record represents a significant range extension eastward.

Rhyacophilidae

- Rhyacophila minora* Banks: Columbiana (MAT, Sheepskin Hollow, VI-7-76), Geauga (MAT, Stebbins Gulch, V-25-75).
Rhyacophila parantra Ross: Ashland (MAT, VI-18-76).

Glossosomatidae

- Protophila maculata* Hagen: Ashtabula (TLA, Grand R. at Harpersfield, VIII-26-76).

Hydroptilidae

- Hydroptila amoena* Ross: Monroe (ADH, Wildcat Run, VIII-20-80, 2♂♂, 3♀♀, IX-15-80, 1♂; Witten Run at Rt. 800, VIII-20-80, 8♂♂, 2♀♀; Little Muskingum R., 1 mi. n. of Rt. 800 bridge, VIII-20-80, 2♂♂).
Ochrotrichia tarsalis (Hagen): Monroe (ADH, Clear Fork of Little Muskingum R. at State Rt. 26, VIII-6-80, 2♀♀; Little Muskingum R., 2 mi. s. Bloomfield, VIII-6-80, 3♂♂, 9♀♀; covered bridge, 1 mi. n. of Rinard Mills, IX-15-80, 1♀).
Stactobiella delira (Ross): Ashtabula (TH, Grand R. at Geneva, V-11, 24-73, 2♂♂, 1♀).
Neotrichia falca Ross: Monroe (ADH, Witten Run at Rt. 800, IX-15-80, 1♂). Previously known from Wisconsin and Illinois.
Neotrichia vibrans Ross: Monroe (ADH, Little Muskingum R., 2 mi. S. of Bloomfield, VIII-6-80, 1♂).

Brachycentridae

- Micrasema rusticum* Hagen: Portage (EPM, Cuyahoga R. at Coit Rd., VI-1-76, 1♂).

Limnephilidae

- Pseudostenophylax uniformis* (Betten): Ashtabula (TH, Grand R., V-30-73).
Frenesia missa (Milne): Ashtabula (RB, X-28-76, 1♂, 1♀), Portage (EPM, Kent, X-25-75; GW, spring, 0.75 mi. sw of Garrettsville, XI-10-78).
Neophylax fuscus Banks: Ashtabula (EPM, Grand R. at Harpersfield, X-13-75).
Neophylax wigginsi Sykora and Weaver: Monroe (ADH, Wildcat Run, IX-15-80, 1♂, 2♀♀, X-1-80, 1♂, 3♀♀). Originally described from material collected at Westmoreland City, PA (Sykora and Weaver, 1978), our records represent a slight extension westward of the known range.

Lepidostomatidae

- Lepidostoma griseum* (Banks): Geauga (TH, Grand R. near Camp Chickagami, VIII-27-73, 1♂). Lake (TH, Grand R., IX-11-73, 3♀♀), Portage (RH, Porter Rd. spring in West Branch State Park, X-5-79, 1♂).
- Lepidostoma sackeni* (Banks): Geauga (TH, Grand R. near Camp Chickagami, VIII-8-73, 1♂), Lake (TH, Grand R., VIII-8-73, 1♂).
- Lepidostoma sommernanna* Ross: Lake (TH, Grand R., VI-5-73, 1♂, VII-31-73, 2♀♀). Portage (BAF, Porter Rd. Spring and Triple Springs in West Branch State Park, VI-1-78).
- Lepidostoma vernalis* (Banks): Portage (BAF, Porter Rd. spring and Triple Springs in West Branch State Park, VI-10-78, 4♂♂).

Molannidae

- Molanna ulmerina* Navas (*Molanna musetta* Betten): Ashtabula (TH, Grand R., VI-25-73, IX-11-73, 6♂♂).

Leptoceridae

- Ceraclea neffi* Resh: Trumbull (TH, tributary of Grand R. near Farmington, V-22-73, IL).
- Triaenodes melacus* Ross: Monroe (ADH, Little Muskingum R. near Antioch, VIII-20-80, 1♀).

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